



City of Deer Park Drainage System

Full Mitigation Best Practice Story

Harris County, Texas

Deer Park, TX - Located in southeast Texas, the City of Deer Park is in close proximity to Galveston Bay and the Gulf of Mexico. The City's population is approximately 28,000 within 15 square miles of land comprised of residential, commercial, and industrial zones properties. Deer Park is subject to intense local thunderstorms, storms extending over periods of several days, as well as torrential rainfall associated with hurricanes and other tropical disturbances. Numerous episodes of flooding have severely impacted the city's drainage systems.



Since 1979, the City spent approximately \$13 million on a variety of measures to alleviate flooding, such as concrete-lined channels; reworking of earth-lined channels; and overall improvements to the existing storm-sewer systems. Building restrictions are also stringently enforced to ensure flood protection measures are adhered to.

The City of Dear Park's flood management program provides its citizens with a future that promises minimum flood damage and losses.

Standard Homeowner's insurance policies do not cover flood damage. The National Flood Insurance Program makes Federally backed flood insurance available to homeowners, renters, and business owners in participating communities.

Activity/Project Location

Geographical Area: **Single County in a State**

FEMA Region: **Region VI**

State: **Texas**

County: **Harris County**

City/Community: **Deer Park**

Key Activity/Project Information

Sector: **Public**

Hazard Type: **Flooding; Hurricane/Tropical Storm**

Activity/Project Type: **Land Use/Planning**

Activity/Project Start Date: **01/1980**

Activity/Project End Date: **Ongoing**

Funding Source: **Local Sources**

Funding Recipient: **Lifelines - Water/Sewer**

Funding Recipient Name: **City of Deer Park**

Activity/Project Economic Analysis

Cost: **\$13,000,000.00 (Estimated)**

Activity/Project Disaster Information

Mitigation Resulted From Federal
Disaster? **Unknown**

Value Tested By Disaster? **Unknown**

Repetitive Loss Property? **Unknown**

Reference URLs

Reference URL 1: <http://www.floodsmart.gov/floodsmart/pages/index.jsp>

Reference URL 2: <http://www.txdps.state.tx.us/dem/>

Main Points

- The City spent approximately \$13 million on a variety of measures to alleviate flooding, such as concrete-lined channels; reworking of earth-lined channels; and overall improvements to the existing storm-sewer systems.
- Building restrictions are also stringently enforced to ensure flood protection measures are adhered to.
- The City of Dear Park's flood management program provides its citizens with a future that promises minimum flood damage and losses.